# Freeform Search

**Database:**

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

**Term:**

L13 and "heat exchanger"

**Display:** 10 Documents in **Display Format:** - **Starting with Number** 1

**Generate:** ○ **Hit List** ⊙ **Hit Count** ○ **Side by Side** ○ **Image**

[ Search ] [ Clear ] [ Interrupt ]

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## Search History

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**DATE: Tuesday, October 05, 2004**    Printable Copy    Create Case

| Set Name side by side | Query | Hit Count | Set Name result set |
|---|---|---|---|
| *DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ* | | | |
| L14 | L13 and "heat exchanger" | 146 | L14 |
| L13 | L12 and "heat transfer" | 398 | L13 |
| L12 | L11 and "heat sink" | 744 | L12 |
| L11 | cooling electronic component | 1716 | L11 |
| L10 | L9 and "thermal conduit" | 6 | L10 |
| L9 | (cold plate) and (heat sink) and (heat transfer) | 635 | L9 |
| L8 | L7 and "heat sink" | 64 | L8 |
| L7 | cold heat exchanger | 456 | L7 |
| L6 | micro capillary exchanger | 0 | L6 |
| L5 | micro-capillary echanger | 0 | L5 |
| L4 | micro-capillary heat exchanger | 0 | L4 |

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**Term:**
```
L6 and "electronic component"
```

**Display:** `10` Documents in **Display Format:** `-` **Starting with Number** `1`

**Generate:** ○ **Hit List**  ◉ **Hit Count**  ○ **Side by Side**  ○ **Image**

[ Search ]  [ Clear ]  [ Interrupt ]

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**DATE:  Tuesday, October 05, 2004    Printable Copy    Create Case**

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|---|---|---|---|
| *DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ* | | | |
| L7 | L6 and "electronic component" | 174 | L7 |
| L6 | (cold plate) and (coolant) and (heat sink) | 388 | L6 |
| L5 | (cold plate exchanger) and (cooling fluid) | 0 | L5 |
| L4 | (cold plate exchanger) and (coolant) | 0 | L4 |
| L3 | micro-capillary cold plate exchanger | 0 | L3 |
| *DB=USPT; PLUR=YES; OP=ADJ* | | | |
| L2 | 5808184.pn. | 1 | L2 |
| L1 | 6262572.pn. | 1 | L1 |

END OF SEARCH HISTORY